

### REMARKS

Applicants note with appreciation that, in the Office Action dated September 10, 2004, claims 21-25 were allowed and claims 8-10, 18 and 19 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

However, claims 1-7, 11-17 and 20 were rejected under 35 U.S.C. § 102(c) as allegedly being anticipated by U.S. Patent Application No. 2002/0167602 A1 ("Nguyen"). In response, Applicants respectfully assert that the independent claims 1 and 13 are not anticipated by Nguyen because each element as set forth in the claims is not found in Nguyen, as explained below. In view of the following remarks, Applicants respectfully request that pending claims 1-20 be allowed, in addition to the allowed claims 21-25.

#### A. Patentability of Independent Claims 1 and 13

The Office Action has rejected the independent claims 1 and 13 under 35 U.S.C. § 102(e) as allegedly being anticipated by Nguyen. However, each element as set forth in claims 1 and 13 is not found in Nguyen. Therefore, Applicants respectfully assert that claims 1 and 13 are not anticipated by Nguyen.

The independent claim 1 includes an element of "generating a resized image block from said current image block of said mosaiced images in response to said indicator to produce a resized image of said mosaiced image." Similarly, the independent claim 13 includes an element of "an image processing module that receives a current image block of said mosaiced image, said image processing module being configured to generate a resized image block from said current image block of said mosaiced image to produce a resized image of said mosaiced image."

With respect to claim 1, the Office Action alleges that the element of "generating a resized image block from said current image block of said mosaiced images in response to said indicator to produce a resized image of said mosaiced

image" is disclosed in Nguyen by stating that "the circuit 104 as shown in Fig. 3 is capable of generating a resized demosaiced image block from the original inputted mosaiced images" and that "the mosaiced image is resized into image block by selecting 3x3, 5x5 and 7x7 blocks in the de-mosaic unit 104; see paragraphs 0077+ and 0099+." Applicants respectfully disagree.

A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference. *Verdegaal Bros. v. Union Oil Co. of California*, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987); MPEP §2131. There is no mention or discussion in Nguyen that has anything related to "generating a resized image block from said current image block of said mosaiced images in response to said indicator to produce a resized image of said mosaiced image," as recited in claim 1. Nguyen does disclose using different sized masks such as 3x3, 5x5 or 7x7 masks to perform one or more operations on a window of observation of an input mosaiced image. However, using different sized masks on an observation window has nothing to do with "generating a resized image block from [a] current image block of [a] mosaiced image," as recited in claim 1. Thus, Nguyen does not disclose "generating a resized image block from [a] current image block," as recited in claim 1. Consequently, Nguyen further does not disclose "generating a resized image block from said current image block of said mosaiced images in response to said indicator to produce a resized image of said mosaiced image" (emphasis added), as recited in claim 1. Thus, Nguyen does not disclose each element as set forth in claim 1. As such, Applicants respectfully assert that claim 1 is not anticipated by Nguyen, and thus, should be allowed.

As stated above, the independent claim 13 recites a similar limitation as the independent claim 1. Therefore, the above remarks are also applicable to claim 13. As such, Applicants respectfully assert that the independent claim 13 is also not anticipated by Nguyen, and thus, should also be allowed.

#### B. Patentability of Dependent Claims 2-12 and 14-20

Each of the dependent claims 2-12 and 14-20 depends on one of the independent claims 1 and 13. As such, these dependent claims include all the

limitations of their respective base claims. Therefore, Applicants submit that these dependent claims are allowable for at least the same reasons as their respective base claims.

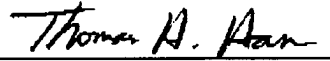
Applicants respectfully request reconsideration of the claims in view of the remarks made herein. A notice of allowance is earnestly solicited.

Respectfully submitted,

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